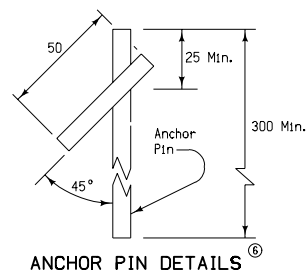
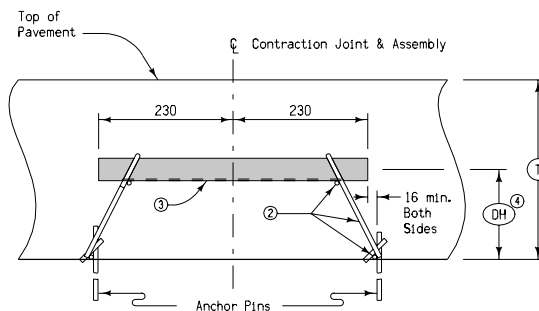


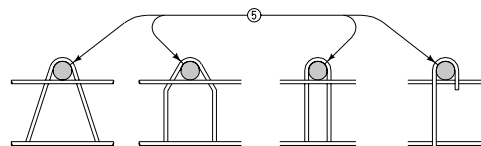
DOWEL HEIGHT AND DIAMETER		
①	DH ④	Diameter
180-190 mm	90 mm	20 mm
200-240 mm	110 mm	30 mm
250-290 mm	135 mm	35 mm
300-330 mm	160 mm	35 mm



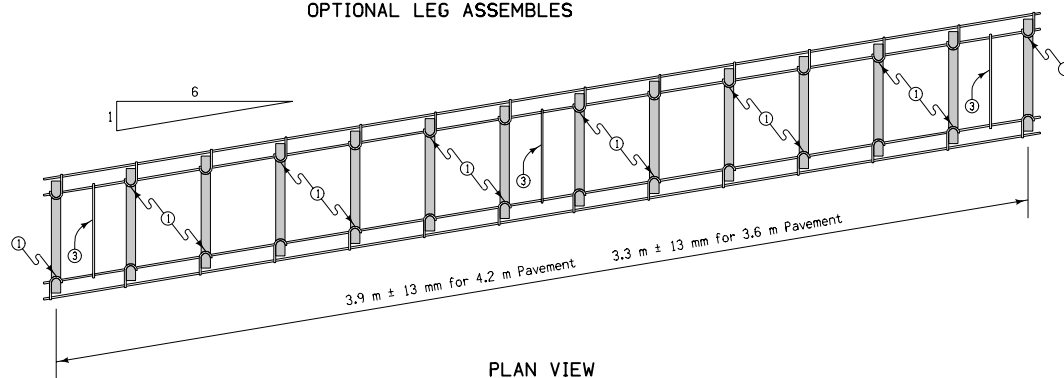
ANCHOR PIN DETAILS ⑥



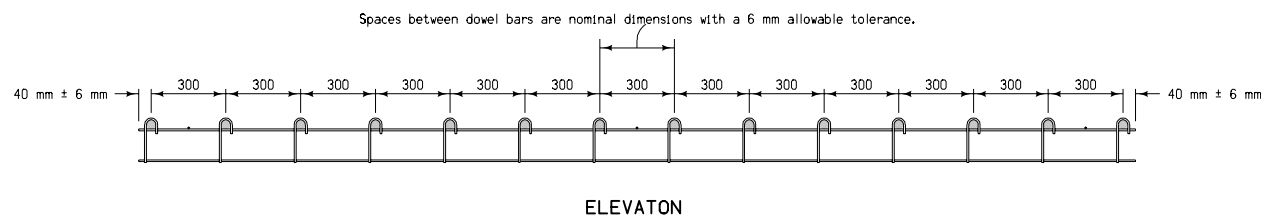
LONGITUDINAL SECTION



OPTIONAL LEG ASSEMBLIES



PLAN VIEW



ELEVATION

#### GENERAL NOTES:

Dowel bars shall be 457 mm long with a tolerance of  $\pm 3$  mm. The centerline of individual dowels shall be parallel to the other dowels in the assembly within  $\pm 3$  mm.

Wire sizes shown are the minimum required and the wires shall have a minimum tensile strength of 345 MPa.

- ① Weld alternately thru-out.
- ② #1/0 gauge (8 mm diameter) wire.
- ③ (3) #10 gauge (4 mm diameter) wire, tie wire welded or friction fit to top longitudinal wire, both sides.
- ④ Measured from the centerline of dowel bar to bottom of support wire  $\pm 5$  mm.
- ⑤ Diameter of bend around dowel is dowel diameter  $\pm 3$  mm to 5 mm.
- ⑥ Anchor pins shall be #1/0 gauge (8 mm diameter) wire and shall prevent movement of assembly during construction.

All dimensions given in millimeters unless noted.

METRIC VERSION	M	Iowa Department of Transportation Highway Division	
		<b>STANDARD ROAD PLAN RH-57</b>	
		REVISION: Plan View, change 3.6 m to 3.9 m (for 4.2 m pave.), & 3.0 m to 3.3 m (for 3.6 m pave.)	REVISION NO. 5
		APPROVED BY: <i>William J. Sten</i> DESIGN METHODS ENGINEER	REVISION DATE 10-19-04
		FABRICATION DETAILS CONTRACTION JOINT SKEWED DOWEL ASSEMBLY	